



LIST OF REFERENCES CITED BY APPLICANT

(Use several sheets if necessary)

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APPLICATION NO.

09/724,419

APPLICANT

Palese et al.

FILING DATE

November 28, 2000

GROUP

To be assigned

U.S. PATENT DOCUMENTS

| *EXAMINER INITIAL | | DOCUMENT NUMBER | DATE | NAME | CLASS | SUBCLASS | FILING DATE IF APPROPRIATE |
|----------------------|----|-----------------|----------|-------------------|-------|----------|-------------------------------|
| W | AA | 4,071,618 | 01/31/78 | Konobe et al. | 424 | 89 | |
| | AB | 4,567,147 | 1/28/86 | Ooi et al. | | | |
| | AC | 4,659,569 | 04/21/87 | Mitsuhashi et al. | 424 | 89 | |
| | AD | 5,166,057 | 11/24/92 | Palese et al. | 435 | 69.1 | |
| | AE | 5,854,037 | 12/29/98 | Palese et al. | 435 | 172.3 | |
| | AF | 5,866,694 | 02/02/99 | Katinger et al. | 536 | 23.1 | |

FOREIGN PATENT DOCUMENTS

| | | DOCUMENT NUMBER | DATE | COUNTRY | CLASS | SUBCLASS | TRANSLATION | |
|---|----|-----------------|----------|---------|-------|----------|-------------|----|
| | | | | | | | YES | NO |
| W | AG | EP 702085 A1 | 03/20/96 | Europe | | | | |
| | AH | EP 780475 A1/B1 | 06/25/97 | Europe | | | | |
| | AI | JP 59-39831 | 03/05/84 | Japan | | | | |
| | AJ | WO 96/34625 A1 | 11/07/96 | PCT | | | | |
| | AK | WO 97/06270 A1 | 02/20/97 | PCT | | | | |
| | AL | WO 97/12032 A1 | 04/03/97 | PCT | | | | |
| | AM | WO 98/13501 A2 | 04/02/98 | PCT | | | | |
| | AN | WO 98/02530 A1 | 01/22/98 | PCT | | | | |
| | AO | WO 98/53078 A1 | 11/26/98 | PCT | | | | |
| | AP | WO 99/02657 A1 | 01/21/99 | PCT | | | | |
| | AQ | WO 99/15672 A1 | 04/01/99 | PCT | | | | |

OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)

| | | |
|---|----|--|
| W | AR | Aoki K et al., "Differential sensitivity of two related viruses, Newcastle disease virus and Sendai virus, to interferon in mouse Had-2 cells selective inhibition of translation of NDV mRNA.", Arch Virol. 1996;141(10):1847-62. |
| | AS | Baez M et al., "Complete nucleotide sequence of the influenza A/PR/8/34 virus NS gene and comparison with the NS genes of the A/Udm/72 and A/FPV/Rostock/34 strains", Nucleic Acids Res. 1980 Dec 11;8(23):5845-58. |
| | AT | Beatrice et al., "Immunogenicity in mice of temperature-sensitive mutants of vesicular stomatitis virus: early appearance in bronchial secretions of an interferon-like inhibitor", J Gen Virol. 1980; 47:529-533. |
| | AU | Belardelli F and Gresser I, "The neglected role of type I interferon in the T-cell response: implications for its clinical use", Immunol Today. 1996 Aug;17(8):369-72. |
| | AV | Buonagurio DA et al., "Evolution of human influenza A viruses over 50 years: rapid, uniform rate of change in NS gene", Science. 1986 May 23;232(4753):980-2. |
| | AW | Butterfield et al., "Vaccination for fowl plague", Am J Vet Res. 1978 Apr; 39(4):671-674. |
| | AX | Chen Z et al., "Influenza A virus NS1 protein targets poly(A)-binding protein II of the cellular 3'-end processing machinery", EMBO J. 1999 Apr 15;18(8):2273-83. |
| | AY | Crowe JE, "Immune responses of infants to infection with respiratory viruses and live attenuated respiratory virus candidate vaccines", Vaccine. 1998 Aug; 16(14/15):1423-1432. |

Express Mail No.: EL 501 637 870 US

| | | |
|-----|----|---|
| 132 | AZ | de la Luna S et al., "Influenza virus NS1 protein enhances the rate of translation initiation of viral mRNAs", J Virol. 1995 Apr;69(4):2427-33. |
| | BA | Desmyter J et al., "Defectiveness of interferon production and of rubella virus interference in a line of African green monkey kidney cells (Vero)", J Virol. 1968 Oct;2(10):955-61. |
| | BB | Diaz MO et al., "Homozygous deletion of the alpha- and beta 1-interferon genes in human leukemia and derived cell lines", Proc Natl Acad Sci U S A. 1988 Jul;85(14):5259-63. |
| | BC | Dulbecco et al., 1988, "Multiplication and Genetics of Animal Viruses", Virology Ch.48 |
| | BD | Durbin JE et al., "Targeted disruption of the mouse Stat1 gene results in compromised innate immunity to viral disease", Cell. 1996 Feb 9;84(3):443-50. |
| | BE | Egorov A et al., "Transfectant influenza A viruses with long deletions in the NS1 protein grow efficiently in Vero cells", J Virol. 1998 Aug;72(8):6437-41. |
| | BF | Egorov AY et al., "Generation of influenza A transfectant viruses containing deletions of the carboxyl-terminal part of the NS1 protein", in <u>Emergence and Re-emergence of Negative Strand Viruses</u> , Tenth International Conference on Negative Strand Viruses. 1997, Dublin, Ireland. Abstract No. 108, p. 104. |
| | BG | Egorov Alu et al., "[The NS gene--a possible determinant of apathogenicity of a cold-adapted donor of attenuation A /Leningrad/134/47/57 and its reassortants]", Vopr Virusol. 1994 Sep-Oct;39(5):201-5. Russian. |
| | BH | Enami M and Palese P, "High-efficiency formation of influenza virus transfectants", J Virol. 1991 May;65(5):2711-3. |
| | BI | Enami M et al., "An influenza virus containing nine different RNA segments", Virology. 1991 Nov;185(1):291-8. |
| | BJ | Enami K et al., "Influenza virus NS1 protein stimulates translation of the M1 protein", J Virol. 1994 Mar;68(3):1432-7. |
| | BK | Ferner et al. 1974. <u>The Biology of Animal Viruses</u> 2 nd Ed. New York: Academic Press. 42-43. |
| | BL | Fodor E et al., "Attenuation of influenza A virus mRNA levels by promoter mutations", J Virol. 1998 Aug;72(8):6283-90. |
| | BM | Fortes P et al., "Influenza virus NS1 protein inhibits pre-mRNA splicing and blocks mRNA nucleocytoplasmic transport", EMBO J. 1994 Feb 1;13(3):704-12. |
| | BN | Garcia-Sastre A et al., "The role of interferon in influenza virus tissue tropism", J Virol. 1998 Nov;72(11):8550-8. |
| | BO | Garcia-Sastre A et al., "Influenza A virus lacking the NS1 gene replicates in interferon-deficient systems", Virology. 1998 Dec 20;252(2):324-30. |
| | BP | Goodpasture et al. "The cultivation of vaccine and other viruses in the chorioallantoic membrane of chick embryos", Science. 1934; 74(1919):371-372. |
| | BQ | Haller O et al., "Host gene influences sensitivity to interferon action selectively for influenza virus", Nature. 1980 Feb 14;283(5748):660-2. |
| | BR | Haller O et al., "Genetic resistance to influenza virus in wild mice", Curr Top Microbiol Immunol. 1986;127:331-7. |
| | BS | Haller O., "Inborn resistance of mice to orthomyxoviruses", Curr Top Microbiol Immunol. 1981;92:25-52. |
| | BT | Hatada E et al., "Binding of influenza A virus NS1 protein to dsRNA in vitro", J Gen Virol. 1992 Dec;73 (Pt 12):3325-9. |
| | BU | Krug, 1995, "Chapter 8. Unique Functions of the NS1 Protein" in <u>Textbook of Influenza</u> , Nicholson et al. (eds.), pp. 82-92. |
| | BV | Krug and Soeiro, 1975, "Studies on the intranuclear localization of influenza virus-specific proteins", Virology 64: 378-87. |
| | BW | Li X and Palese P, "Mutational analysis of the promoter required for influenza virus virion RNA synthesis", J Virol. 1992 Jul;66(7):4331-8. |
| | BX | Li X and Palese P, "Characterization of the polyadenylation signal of influenza virus RNA", J Virol. 1994 Feb;68(2):1245-9. |
| | BY | Lu Y et al., "Binding of the influenza virus NS1 protein to double-stranded RNA inhibits the activation of the protein kinase that phosphorylates the eIF-2 translation initiation factor", Virology. 1995 Dec 1;214(1):222-8. |
| | BZ | Lu Y et al., "The influenza virus NS1 protein: a novel inhibitor of pre-mRNA splicing", Genes Dev. 1994 Aug 1;8(15):1817-28. |
| | CA | Luo GX et al., "The polyadenylation signal of influenza virus RNA involves a stretch of uridines followed by the RNA duplex of the panhandle structure", J Virol. 1991 Jun;65(6):2861-7. |
| | CB | Luyties W et al., "Amplification, expression, and packaging of foreign gene by influenza virus", Cell. 1989 Dec 22;59(6):1107-13. |

Express Mail No.: EL 501 637 870 US

| | |
|----|---|
| CC | Maramorosh, K and Koprowski, H. 1967. <u>Methods in Virology</u> Vol 1. Ch 6. New York: Academic Press. 178 - 216 |
| CD | Marion RM et al., "The N-terminal half of the influenza virus NS1 protein is sufficient for nuclear retention of mRNA and enhancement of viral mRNA translation", <u>Nucleic Acids Res.</u> 1997 Nov 1;25(21):4271-7. |
| CE | Marion RM et al., "The N-terminal half of influenza virus NS1 protein is fully active both in mRNA nuclear retention and enhancement of translation", in <u>Emergence and Re-emergence of Negative Strand Viruses</u> , Tenth International Conference on Negative Strand Viruses. 1997, Dublin, Ireland. Abstract No. 240, p. 170. |
| CF | Meraz MA et al., "Targeted disruption of the Stat1 gene in mice reveals unexpected physiologic specificity in the JAK-STAT signaling pathway", <u>Cell.</u> 1996 Feb 9;84(3):431-42. |
| CG | Mosca JD et al., "Transcriptional and posttranscriptional regulation of exogenous human beta interferon gene in simian cells defective in interferon synthesis", <u>Mol Cell Biol.</u> 1986 Jun;6(6):2279-83. |
| CH | Murphy B.R. and R.G. Webster, 1996, "Orthomyxoviruses" in <u>Fields Virology</u> , Lippincott-Raven P.A., pp. 1397-1445. |
| CI | Muster T et al., "An influenza A virus containing influenza B virus 5' and 3' noncoding regions on the neuraminidase gene is attenuated in mice", <u>Proc Natl Acad Sci U S A.</u> 1991 Jun 15;88(12):5177-81. |
| CJ | Nemeroff ME et al., "Influenza virus NS1 protein interacts with the cellular 30 kDa subunit of CPSF and inhibits 3'end formation of cellular pre-mRNAs", <u>Mol Cell.</u> 1998 Jun;1(7):991-1000. |
| CK | Nemeroff ME et al., "Unique interactions of the influenza virus NS 1 protein with host cell nuclear functions", in <u>Emergence and Re-emergence of Negative Strand Viruses</u> , Tenth International Conference on Negative Strand Viruses. 1997, Dublin, Ireland. Abstract No. 229, p. 164. |
| CL | Norton GP et al., "Infectious influenza A and B virus variants with long carboxyl terminal deletions in the NS1 polypeptides", <u>Virology.</u> 1987 Feb;156(2):204-13. |
| CM | Park YW and Katze MG, "Translational control by influenza virus. Identification of cis-acting sequences and trans-acting factors which may regulate selective viral mRNA translation", <u>J Biol Chem.</u> 1995 Nov 24;270(47):28433-9. |
| CN | Parvin JD et al., "Nonsense mutations affecting the lengths of the NS1 nonstructural proteins of influenza A virus isolates", <u>Virology.</u> 1983 Jul 30;128(2):512-7. |
| CO | Perry MM and Sang HM, "Transgenesis in chickens", <u>Transgenic Res.</u> 1993 May;2(3):125-33. |
| CP | Piccone ME et al., "Mutational analysis of the influenza virus vRNA promoter", <u>Virus Res.</u> 1993 May;28(2):99-112. |
| CQ | Pleschka S et al., "A plasmid-based reverse genetics system for influenza A virus", <u>J Virol.</u> 1996 Jun;70(6):4188-92. |
| CR | Qin XQ et al., "Interferon-beta gene therapy inhibits tumor formation and causes regression of established tumors in immune-deficient mice", <u>Proc Natl Acad Sci U S A.</u> 1998 Nov 24;95(24):14411-6. |
| CS | Qiu Y and Krug RM, "The influenza virus NS1 protein is a poly(A)-binding protein that inhibits nuclear export of mRNAs containing poly(A)", <u>J Virol.</u> 1994 Apr;68(4):2425-32. |
| CT | Qiu Y et al., "The influenza virus NS1 protein binds to a specific region in human U6 snRNA and inhibits U6-U2 and U6-U4 snRNA interactions during splicing", <u>RNA.</u> 1995 May;1(3):304-16. |
| CU | Sang H., "Transgenic chickens--methods and potential applications", <u>Trends Biotechnol.</u> 1994 Oct;12(10):415-20. |
| CV | Sekellick MJ et al., "Development of the interferon system. I. In chicken cells development in ovo continues on time in vitro", <u>In Vitro Cell Dev Biol.</u> 1990 Oct;26(10):997-1003. |
| CW | Sekellick MJ et al., "Interferon induction by viruses. XIV. Development of interferon inducibility and its inhibition in chick embryo cells "aged" in vitro", <u>J Interferon Res.</u> 1985 Fall;5(4):651-67. |
| CX | Shaw et al., 1996, "Nucleocapsid protein alone is sufficient for the generation of influenza transfectants" in <u>Options for the Control of Influenza III</u> , Brown (eds.), Hampson Webster (Elsevier Science) pp. 433-436. |
| CY | Shuman RM., "Production of transgenic birds", <u>Experientia.</u> 1991 Sep 15;47(9):897-905. |
| CZ | Stern CD., "Chick stem cells", <u>Curr Top Microbiol Immunol.</u> 1996;212:195-206. |
| DA | Tobita K et al., "Nucleotide sequence and some biological properties of the NS gene of a newly isolated influenza B virus mutant which has a long carboxyl terminal deletion in the NS1 protein", <u>Virology.</u> 1990 Jan;174(1):314-9. |

Express Mail No.: EL 501 637 870 US

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|---|---|-----------------|---------|
| DB | VanDemark and Batzing, 1986, "The microbes: an introduction to their nature and importance", 679-80 | | |
| DC | Weaver BK et al., "Interferon regulatory factor 3 and CREB-binding protein/p300 are subunits of double-stranded RNA-activated transcription factor DRAF1", Mol Cell Biol. 1998 Mar;18(3):1359-68. | | |
| DD | Yannarell DA, Hjorth RN. Factors affecting the yield of cold-adapted influenza virus vaccine. J Virol Methods. 64(2):161-9. | | |
| EXAMINER | L. Amisord | DATE CONSIDERED | 12/13/1 |
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